



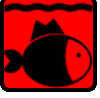



Assessment Summary

Little Cypress Creek 8.7 to 10.1 KY496701_02	 <p>This part of the stream does not support aquatic life, does not support swimming (Primary Contact Recreation), does not support fishing/wading/boating (Secondary Contact Recreation).</p>
State Road 181 to headwaters	
Muhlenberg County, Green River Basin	
HUC 05110006	
Assessment Date: 1/14/2010	



Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods ^{1,2,3}
 (5-NS)	pH	Surface Mining	Concentrations did not meet the water quality standard	Physical/Chemical Monitoring
 (5-NS)	pH	Surface Mining	Concentrations did not meet the water quality standard	Physical/Chemical Monitoring
 (5-NS)	pH	Impacts from Abandoned Mine Lands (Inactive), Surface Mining	Concentrations did not meet the water quality standard	Physical/Chemical Monitoring
 (5-NS)	Sedimentation/Siltation	Channelization, Golf Courses, Highway/Road/Bridge Runoff (Non-construction Related), Irrigated Crop Production, Non-irrigated Crop Production, Surface Mining, Unspecified Urban Stormwater	Sediment deposition is negatively affecting the aquatic community (e.g. habitat smothering) and/or recreation	Physical/Chemical Monitoring
 (5-NS)	Specific Conductance	Petroleum/natural Gas Activities, Surface Mining, Unspecified Urban Stormwater	Elevated dissolved substances are negatively affecting the aquatic community	Physical/Chemical Monitoring

¹ Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

² Data Source(s): KDFWR, KDOW

³ Data Collection Date(s): 1/1/2001 - 10/27/2009

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 (5-NS)	Sulfates	Petroleum/natural Gas Activities, Surface Mining	Concentrations are negatively affecting the aquatic community	Physical/Chemical Monitoring
 (5-NS)	Total Dissolved Solids	Petroleum/natural Gas Activities, Surface Mining, Unspecified Urban Stormwater	Elevated dissolved substances are negatively affecting the aquatic community	Physical/Chemical Monitoring

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